# SCHOOL OF COMPUTER SCIENCE

Given the breadth of today's technological advances, a degree in Computer Science can offer the individual a pathway to multiple possibilities including educational technology, artificial intelligence and robotics, data mining, data and wireless networks, computer security, programming and software engineering, and computational science and theory. From internationally recognized faculty to research partnering with private and public sector companies, the School of Computer Science allows students to be on the front lines of technology today and tomorrow. Students have access to some of the latest in technological advancement in its classrooms, team rooms, teaching labs and research spaces.

## BY THE NUMBERS

**34:1**
Student to Faculty Ratio

**$85,127**
Average Starting Salary for OU CS Graduates

**$1.6 M+**
Research Expenditures

## MAJORS

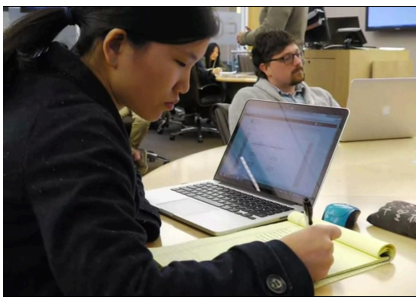
Computer Science

**Accelerated (5-year) Dual Degree Programs**
B.S./M.S. Computer Science

## MINORS

Computer Science
Computational Technology

Photos Left and Right: Students and faculty participate in Hacklahoma, an annual university programming event.



## CONTACT US

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"My time in the school of computer science has been incredibly fruitful and has assured me that I am on the correct educational journey. Both my instructors and peers have fostered my creativity and growth by positively engaging me and inspiring me to push myself to reach my highest level of achievement."

– Ethan Beaird, Computer Science, Class of 2025

*Terms to Know*

Major—Primary area of study
Minor—Complimentary area of specialization
B.S.—Bachelor of Science
M.S.—Master of Science
M.B.A.—Master of Business Administration
M.E.S.—Master of Environmental Science

GALLOGLY COLLEGE OF ENGINEERING

**SCHOOL OF COMPUTER SCIENCE**

## THINGS TO KNOW

**1** Our faculty regularly collaborate with researchers in areas including – but not limited to – Meteorology, Energy Sciences, Data Science & Analytics, and other multiple disciplines in Engineering.

**2** The senior-level capstone project involves working with government and industry partners on software development. Industry leaders are invited to speak in the course, and the school actively requests sponsorship of capstone projects.

**3** Robust research programs exist in areas such as artificial intelligence, data mining, machine learning, cybersecurity, data networks, high-performance computing, and database management.

Students engaged in engineering education with K-12 students.

Students experiment with different programming languages during Engineering Days.

## SELECT COURSES

Computer Security

Machine Learning

Algorithm Analysis

Artificial Intelligence

Software Engineering

## CS STUDENT ORGANIZATIONS

Association for Women in Computing (AWC)

Computer Science Student Board (CSSB)

Game Developer Association (GDA)

+ over 40 engineering student organizations

## CAREER PATHS

Google, Inc. Mountain View, CA
*Software Engineer*

Microsoft Redmond, WA
*Software Engineer*

Pacific Northwest National Laboratory
Richland, WA
*Software Engineer*

Paycom Oklahoma City, OK
*Application Security Analyst*

SpaceX Hawthorne, CA
*Software Engineer*